



DOCKET NO: 248255US2RE

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

JUNICHI HAGIHARA, ET AL. : EXAMINER:

PATENT NO: 6,344,752 :

ISSUED: FEBRUARY 5, 2002 : GROUP ART UNIT:

FOR: CONTACTOR AND PRODUCTION
METHOD FOR CONTACTOR :

REISSUE DECLARATION UNDER 37 C.F.R. 1.175 AND CONSENT OF ASSIGNEE

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

We, the undersigned inventors hereby declare that:

1. Our residence, Post Office address and citizenship are stated below next to our names.
2. We believe that we are the original, first and joint inventors of the invention entitled CONTACTOR AND PRODUCTION METHOD FOR CONTACTOR described and claimed in Letters Patent No. 6,344,752 issued on February 5, 2002 from original Application No. 09/549,549 filed on July 29, 1999 as PCT application PCT/JP99/04090 and described and claimed in the foregoing specification; as amended on February 5, 2004 to add new Claims 22 through 25.
3. We hereby claim priority benefit under Section 119 of Title 35 United States Code of Japanese Patent Applications 10-241036 and 1-241037, both filed on August 12, 1998.

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4. We have reviewed and understand the contents of the above mentioned specification, including the claims, as amended by any amendment specifically referred to in the present declaration.

5. We acknowledge the duty to disclose information known by us to be material to the patentability of this application as defined in Section 1.56 of 37 C.F.R.

6. We verily believe the original patent to be wholly or partly inoperative or invalid by reason of our claiming more or less than we had a right to claim in the patent.

7. All of the errors resulting in our claiming more or less than we had a right to claim arose without any deceptive intention.

8. A first error resulting our claiming more or less than we had a right to claim is failure to include a claim which recites a method of forming a cantilever probe contactor, the method comprising successively patterning a first and second sacrificial layer of resist over a substrate, each layer of resist having an opening; depositing a first conductive material after patterning the first sacrificial layer, depositing a second conductive material after patterning the second sacrificial layer to form a cantilever element having a first portion formed in an opening in the first sacrificial layer, and a second portion comprising a support element coupled to the first portion and formed in an opening in the second sacrificial layer; and removing the first and second sacrificial layers simultaneously.

9. We hereby revoke all prior powers of attorney and appoint Norman Oblon, Reg. No. 24,618; Marvin J. Spivak, Reg. No. 24,913; C. Irvin McClelland, Reg. No. 21,124; Gregory J. Maier, Reg. No. 25,599; Arthur I. Neustadt, Reg. No. 24,854; Richard D. Kelly, Reg. No. 27,757; James D. Hamilton, Reg. No. 28,421; Eckhard H. Kuesters, Reg. No. 28,870; Robert T. Pous, Reg. No. 29,099; Charles L. Gholz, Reg. No. 26,395; Jean-Paul Lavallee, Reg. No. 31,451; Stephen G. Baxter, Reg. No. 32,884; Richard L. Treanor, Reg. No. 36,379; Steven E. Weihrough, Reg. No. 32,829; and James J. Kulbaski, Reg. No. 34,648 as attorneys for patent owner, with full powers of substitution and revocation, to prosecute the above referenced request for reexamination and transact all business in the Patent and Trademark Office in connection with the above referenced patent. It is further requested that

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all correspondence regarding the above referenced patent be sent to the firm of OBLON,
SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. whose Post Office Address is:
1940 Duke Street, Alexandria, Virginia 22314.

10. The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

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Date: March 22, 2004

X Shinji Iino
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Date: March 22, 2004

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CONSENT OF ASSIGNEE

U.S. patent 6,344,752, issued on June 27, 2000 to Hagihara et al has been assigned to TOKYO ELECTRON LIMITED of Tokyo, Japan, which is the complete assignee of the above-referenced patent, by an assignment recorded at Reel 010798, Frame(s) 0935. The undersigned herein certifies that he has reviewed the assignment recorded at said reel and frame, and that to the best of his knowledge and belief title is in the above-noted assignee. The undersigned further certifies that he is an officer of the assignee, TOKYO ELECTRON LIMITED, having the authority to consent to the reissue patent application, and so consents thereto.

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

TOKYO ELECTRON LIMITED

Name: Tetsuro Hori
Signature Tetsuro Hori

TITLE: Director Legal & Intellectual Property Dept.

DATE: March 26, 2004